

2024 Qualifying Events Report

August 17, 2024 Event

Filed on
November 15, 2024



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Event Description

Event Date and Time

Start: 08/17/2024 21:30

End: 08/19/2024 20:45

Event Type

Wind

Service Areas Significantly Affected

Island County, Skagit County, Whatcom County, and North and South King County

Number of Customers Affected

System wide, approximately 88,831 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	315
Transmission Line Segments Affected	0
Impacted Substations	2

Mobilization Summary

Regional Operating Bases and ECC (Emergency Coordination Center) Activations

Region	Date Opened	Time Opened	Date Closed	Time Closed
ECC	00/00/0000	00:00	00/00/0000	00:00
ISLAND	08/18/2024	00:30	08/18/2024	15:15
KITSAP	00/00/0000	00:00	00/00/0000	00:00
KITTITAS	00/00/0000	00:00	00/00/0000	00:00
NORTH KING	08/18/2024	00:30	08/19/2024	10:00
PIERCE	00/00/0000	00:00	00/00/0000	00:00
SKAGIT	08/18/2024	00:30	08/18/2024	15:15
SOUTH KING	08/18/2024	17:00	08/19/2024	09:00
THURSTON	00/00/0000	00:00	00/00/0000	00:00
VASHON	00/00/0000	00:00	00/00/0000	00:00
WHATCOM	08/18/2024	00:30	08/18/2024	15:15

Major Event – Qualification Summary

IEEE1 Standard 1366

IEEE Standard 1366 was established to present a set of terms and definitions which can be used to foster uniformity in the development of electric system service reliability indices, to identify factors which affect the indices, and to aid in consistent reporting practices among utilities. Also, it provides guidance for new personnel in the reliability area and tools for internal as well as external comparisons. The Major Event Day definition was created as part of IEEE Standard 1366 to allow for consistent calculation of reliability metrics between utilities and enable more valid comparisons with other utility reliability metrics.

<p>IEEE Major Event Day Calculation (2.5 BETA METHOD)</p> <ol style="list-style-type: none"> 1. A threshold on daily SAIDI² is computed once a year, following year end 2. Assemble the 5 most recent years of historical values of SAIDI/day 3. Discard any days in the data set that has a SAIDI/day of zero 4. Find the natural logarithm of each value in the data set 5. Compute the average (Alpha) and the standard deviation (Beta) of the natural logarithms computed in step 4 6. Compute the threshold T_{MED} where $T_{MED} = \exp(\text{Alpha} + 2.5 * \text{Beta})$ 7. Any day in the next year with $\text{SAIDI} > T_{MED}$ is a major event day
<p>Puget Sound Energy’s IEEE Major Event Threshold (T_{MED}) for 2024: 7.6 Minutes</p>

Qualified Event - Calculation Detail - Current Event

Event Date, Time Range	Total Outages	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
8/17/2024 21:30:00 - 8/19/2024 20:45:00	315	21,862,993	1,235,854	17.69

YTD Qualified Events - First Day the Daily SAIDI Exceeded T_{MED} of 7.58 Minutes

Date	Daily SAIDI (from midnight to midnight)	Total O&M Costs
01/9/2024	27.44	\$6,118,049
02/15/2024	17.41	\$3,300,143
06/03/2024	10.89	\$1,762,370*
08/17/2024	11.76	\$1,663,246

*updated since last report

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

* Update since last report

Event Restoration – YTD Cost Summary

Starting from the 2018 calendar year, PSE continues its existing Qualifying Storm Loss Deferral Mechanism for any storm restoration costs incurred on or after January 1, 2018, with the following modifications that were agreed to in settlement and the settlement was approved by the Commission in PSE's 2017 general rate case :

- (i) the cumulative annual cost threshold for deferral of storms under the Qualifying Storm Loss Deferral Mechanism shall be increased from \$8 million to \$10 million,
- (ii) qualifying events that cost less than \$500,000 will not qualify for deferral, and
- (iii) the cumulative annual cost threshold for the Qualifying Storm Loss Deferral Mechanism shall exclude storm events with costs less than \$500,000.

(Page 22 of Appendix B to Order 08 in consolidated Dockets UE-170033 and UG-170034)

2024 Restoration Costs Detail - By Storm Event (includes ALL storm events regardless of QE)

Event Date	Qualified Events Deferred Account	Capital Costs	O&M Costs Not Deferrable	O&M Costs Deferrable Accumulation	Total O&M Costs	Total Costs
(A)	(B)	(C)	(D)	(E)	(F) = (B)+(D)+(E)	(G)= (F) + (C)
01/8/2024	\$0	\$1,824,089	\$0	\$6,118,049	\$6,118,049	\$7,942,139
02/15/2024	\$0	\$422,052	\$0	\$3,300,143	\$3,300,143	\$3,722,195
04/20/2024**	\$0	\$96,029*	\$444,985*	\$0	\$444,985*	\$541,014*
06/3/2024*	\$1,180,562	\$351,689	\$0	\$1,762,370	\$1,762,370	\$2,114,059*
08/17/2024	\$1,663,246	\$564,312	\$0	\$0	\$1,663,246	\$2,227,558

* Costs updated since last report

** Non-qualifying Event; Costs associated with these events are not deferrable

2024 YTD Storm Restoration Cost Summary for All Events as of Report Event

Qualifying Events Deferred Account	Capital Costs	O&M Costs - Not Deferrable	O&M Costs - Deferrable Accumulation	Total O&M Costs	Total Costs
\$2,843,809	\$3,260,453	\$444,985	\$10,000,000	\$13,288,794	\$16,549,247

Detail Information for Current Event

Restoration Costs Detail

Active Outages Chart

Detailed List of Distribution Circuits with Outages

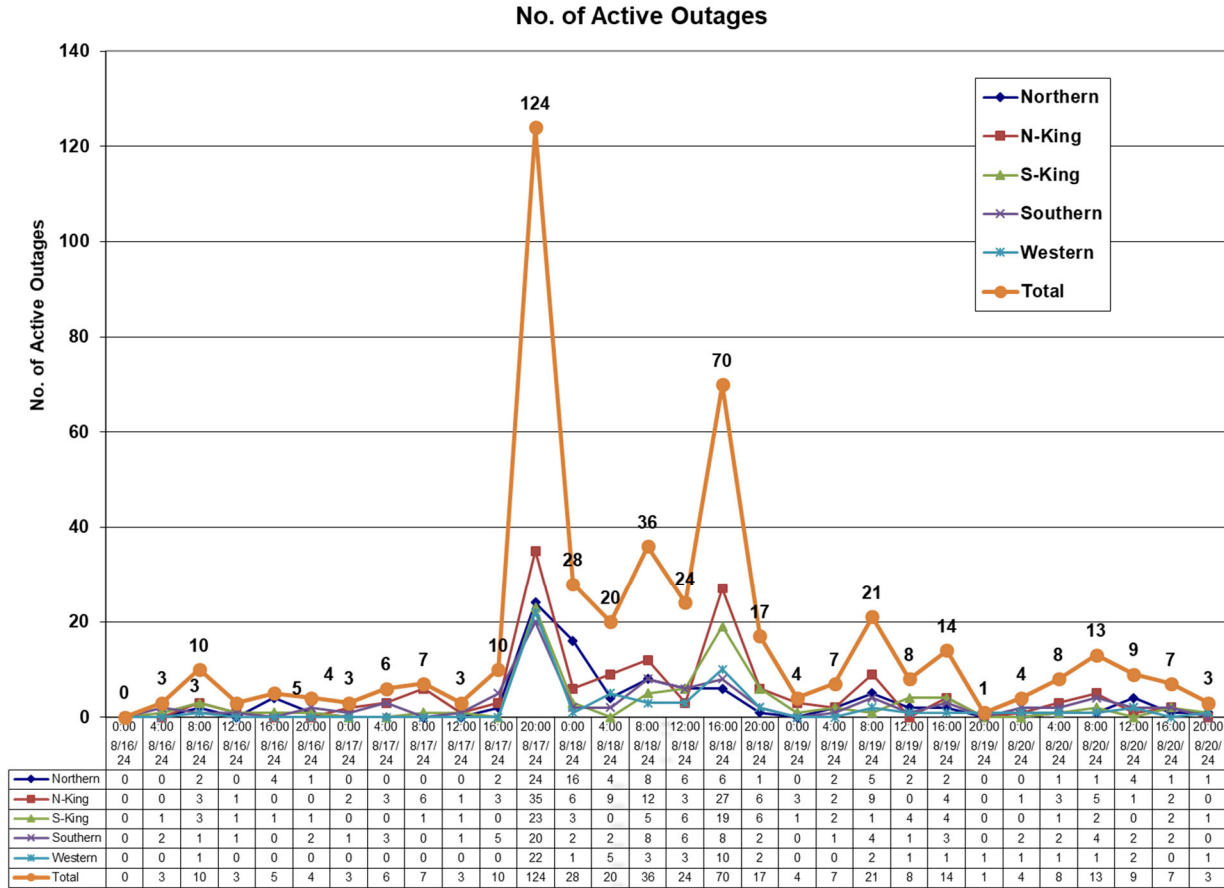
Terms, Codes and Definitions Used on Detail Reports

Restoration Costs Detail – Current Event

Puget Sound Energy						
Qualifying Storm Damage Repair Costs						
August 17th Qualifying Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST	\$0	\$159		\$7,842	\$7,842	\$8,002
OT	\$0	\$0		\$187,599	\$187,599	\$187,599
Total Labor	\$0	\$159	\$0	\$195,441	\$195,441	\$195,600
Labor OH	\$0	\$82,785	\$0	\$0	\$0	\$82,785
Materials	\$0	\$122,829		\$60,086	\$60,086	\$182,916
Contractors	\$0	\$354,133		\$1,318,587	\$1,318,587	\$1,672,720
Other Direct Charges	\$0	\$320		\$8,987	\$8,987	\$9,307
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessments	\$0	\$4,085		\$80,145	\$80,145	\$84,230
Deferred Expenses	\$1,596,831	\$0	\$0	\$0		\$0
	\$1,596,831	\$564,312	\$0	\$1,663,246	\$1,663,246	\$2,227,558

ST: Standard time
 OT: Over time
 OH: Overhead

Active Outages Chart



Detailed List of Outages – First TMED-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST OUT	CUST MIN
P01003149-1	8/17/2024	12:12:49 AM	KNM-25	EBD	EF	UPC	102	16,360
P01003151-1	8/17/2024	1:18:36 AM	KNM-25	EBD	EF	UPC	1	90
P01003152-1	8/17/2024	2:45:29 AM	GRV-15	ECA	UN	OFU	49	6,926
P01003156-1	8/17/2024	5:29:11 AM	NOR-24	EBD	EF	UPC	159	67,005
P01003158-1	8/17/2024	6:36:13 AM	BUC-15	ECA	EF	USC	1	481
P01003159-1	8/17/2024	6:37:18 AM	VAS-12	EBL	BA	OTR	6	792
P01003160-1	8/17/2024	6:50:05 AM	BUC-16	ECA	BA	OTF	3	260
P01003163-1	8/17/2024	7:38:12 AM	BLU-16	ECC	EF	OTF	1	56
P01003161-1	8/17/2024	8:29:57 AM	KWH-25	EBE	TV	OCO	129	48,745
P01003169-1	8/17/2024	9:07:24 AM	AVO-17	EBD	BA	OTF	3	348
P01003173-1	8/17/2024	9:46:14 AM	VAS-12	EBL	TV	OCO	6	734
P01003174-1	8/17/2024	9:50:39 AM	RED-24	EBD	BA	OFU	26	2,181
P01003176-1	8/17/2024	10:02:30 AM	VAS-13	EBL	BA	OTR	5	904
P01003177-1	8/17/2024	10:09:45 AM	SEQ-13	EBJ	BA	OTF	3	160
P01003180-1	8/17/2024	10:21:50 AM	NOR-24	EBD	BA	OTF	3	284
P01003243-1	8/17/2024	1:40:18 PM	COT-13	EBD	TV	OCO	2,161	548,653
P01003156-1	8/17/2024	3:06:20 PM	NOR-24	EBD	EF	UPC	10	2,683
P01003255-1	8/17/2024	3:36:51 PM	SUN-12	ECA	EF	USC	38	4,489
P01003256-1	8/17/2024	3:40:04 PM	SOO-25	EBI	UN	OFC	1	310
P01003266-1	8/17/2024	4:58:30 PM	BRS-24	EAC	TV	OCO	8	8,645
P01003267-1	8/17/2024	5:14:29 PM	HOU-27	EBE	BA	OFU	11	949
P01003278-1	8/17/2024	6:28:05 PM	PET-12	EAC	EF	OCN	1	96
P01003279-1	8/17/2024	6:59:19 PM	PLA-21	EBD	BA	UPT	3	344
P01003281-1	8/17/2024	7:37:47 PM	YEL-27	ECC	ND	OFU	12	950
P01003283-1	8/17/2024	7:47:56 PM	RAI-12	ECC	ND	OTR	208	38,269
P01003295-1	8/17/2024	7:55:15 PM	SPA-16	ECA	TV	OCO	413	55,197
P01003293-1	8/17/2024	7:56:31 PM	LAC-17	ECC	ND	OCO	397	111,872
P01003311-1	8/17/2024	8:01:28 PM	LON-25	ECC	TV	UPC	32	21,345
P01003310-1	8/17/2024	8:01:31 PM	PAT-15	ECC	TV	OCO	1	952
P01003312-1	8/17/2024	8:01:49 PM	LON-22	ECC	TV	OCO	9	8,052
P01003317-1	8/17/2024	8:03:55 PM	HOL-15	ECA	TV	OFU	19	2,384
P01003321-1	8/17/2024	8:07:10 PM	HOL-15	ECA	TV	OCO	1,133	115,263
P01003330-1	8/17/2024	8:08:00 PM	EDG-13	ECA	EF	OPO	33	4,282
P01003328-1	8/17/2024	8:10:39 PM	WOL-25	ECC	TV	OFU	42	14,872
P01003329-1	8/17/2024	8:13:21 PM	GRV-16	ECA	TV	OFU	2	1,254
P01003332-1	8/17/2024	8:16:25 PM	STW-12	ECA	EF	OFU	38	4,508
P01003338-1	8/17/2024	8:18:49 PM	SPA-16	ECA	LI	OTR	6	2,810
P01003356-1	8/17/2024	8:24:11 PM	SHD-18	EBJ	TV	OHR	1,057	134,168
P01003358-1	8/17/2024	8:26:48 PM	FRA-12	ECD	TV	OCO	29	12,776
P01003366-1	8/17/2024	8:33:29 PM	LMC-27	EBD	TV	OCO	55	6,791
P01003372-1	8/17/2024	8:35:46 PM	PAN-16	EBJ	TV	OFU	237	26,102
P01003374-1	8/17/2024	8:36:13 PM	GLC-11	EBJ	TV	OFU	53	71,470
P01003375-1	8/17/2024	8:36:25 PM	OSC-23	EBI	TV	OFU	24	7,643
P01003376-1	8/17/2024	8:36:51 PM	GRI-16	ECC	TV	OCN	21	8,832
P01003267-1	8/17/2024	8:41:40 PM	HOU-27	EBE	BA	OFU	2	1,259
P01003388-1	8/17/2024	8:42:37 PM	LOL-21	ECD	TV	OCO	39	11,314
P01003389-1	8/17/2024	8:43:09 PM	LYO-15	EBI	TV	OFC	2	1,612
P01003396-1	8/17/2024	8:45:12 PM	PAT-16	ECC	UN	OFU	21	10,352

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST OUT	CUST MIN
P01003494-1	8/17/2024	8:46:10 PM	NBE-13	EBD	TV	OHR	54	38,526
P01003401-1	8/17/2024	8:46:47 PM	SHE-26	ECE	TV	OCO	83	22,219
P01003403-1	8/17/2024	8:46:58 PM	SHE-15	ECE	TV	OCO	182	62,877
P01003407-1	8/17/2024	8:47:24 PM	MUR-15	ECE	TV	OCO	36	28,165
P01003411-1	8/17/2024	8:48:12 PM	SNQ-15	EBD	TV	OHR	95	71,271
P01003421-1	8/17/2024	8:49:04 PM	CHI-12	ECD	TV	OHR	422	50,394
P01003414-1	8/17/2024	8:49:09 PM	CED-16	ECA	UN	OFU	63	17,526
P01003417-1	8/17/2024	8:50:00 PM	EDG-16	EBJ	TV	OHR	838	174,541
P01003424-1	8/17/2024	8:50:51 PM	HOB-17	EBI	TV	OFU	7	1,212
P01003423-1	8/17/2024	8:50:51 PM	HOB-15	EBI	TV	OFU	58	23,903
P01003422-1	8/17/2024	8:50:51 PM	BDI-15	EBI	TV	OFU	19	13,149
P01003603-1	8/17/2024	8:51:37 PM	CED-13	ECA	TV	OFU	6	4,235
P01003432-1	8/17/2024	8:52:52 PM	LMC-25	EBD	TV	OPO	109	139,438
P01003437-1	8/17/2024	8:53:04 PM	SKE-26	ECE	TV	OCO	1,634	104,058
P01003441-1	8/17/2024	8:56:17 PM	FWY-11	EBJ	TV	OFU	140	109,643
P01003442-1	8/17/2024	8:56:46 PM	PHA-16	EBE	TV	OHR	1,382	395,850
P01003462-1	8/17/2024	8:59:58 PM	NBE-12	EBD	TV	OTF	1	648
P01003498-1	8/17/2024	9:00:07 PM	MSI-25	EBD	TV	OFU	4	4,601
P01003487-1	8/17/2024	9:03:15 PM	CWD-24	EBD	TV	OFU	75	67,390
P01003490-1	8/17/2024	9:05:58 PM	PMA-15	ECE	TV	OFU	34	22,343
P01003495-1	8/17/2024	9:06:13 PM	YEL-27	ECC	EF	OTR	1	197
P01003542-1	8/17/2024	9:08:09 PM	WIS-15	EBD	TV	OFU	37	42,583
P01003548-1	8/17/2024	9:08:42 PM	MIR-13	EBD	TV	OCO	27	24,646
P01003526-1	8/17/2024	9:10:05 PM	THO-13	EBH	TV	OCO	453	63,901
P01003523-1	8/17/2024	9:11:04 PM	PHA-17	EBE	TV	OFU	25	5,093
P01003545-1	8/17/2024	9:13:19 PM	LLT-16	EBD	TV	OFU	69	58,779
P01003549-1	8/17/2024	9:13:50 PM	CEK-16	ECE	TV	OCO	162	96,040
P01003564-1	8/17/2024	9:15:18 PM	BON-16	ECA	EF	OTR	1	379
P01003569-1	8/17/2024	9:16:24 PM	SWD-12	ECE	TV	OCO	2	1,128
P01003572-1	8/17/2024	9:16:40 PM	NBO-26	EBD	TV	OFU	3	3,363
P01003582-1	8/17/2024	9:20:14 PM	POU-15	ECE	TV	OCO	14	4,022
P01003583-1	8/17/2024	9:20:26 PM	ENU-16	EBI	EF	OFC	4	6,223
P01003585-1	8/17/2024	9:20:37 PM	RPT-15	ECD	TV	OTR	6	395
P01003600-1	8/17/2024	9:24:37 PM	NBO-25	EBD	TV	OTF	2	2,509
P01003602-1	8/17/2024	9:25:26 PM	MAP-15	EBE	TV	OCO	1	1,263
P01003606-1	8/17/2024	9:26:59 PM	COT-16	EBD	LI	OTR	5	6,135
P01003608-1	8/17/2024	9:27:28 PM	NBO-26	EBD	ND	OTR	1	1,316
P01003636-1	8/17/2024	9:27:39 PM	CHR-22	ECE	TV	OCO	1,072	8,646
P01003648-2	8/17/2024	9:28:00 PM	SAH-17	EBD	TV	OSV	1	1,168
P01003615-1	8/17/2024	9:29:59 PM	KIT-22	EBH	TV	OFU	17	2,818
P01003616-1	8/17/2024	9:30:27 PM	KNM-27	EBD	LI	OTF	5	4,548
P01003629-1	8/17/2024	9:33:28 PM	CEK-14	ECE	TV	OCO	1,607	280,180
P01003630-1	8/17/2024	9:34:58 PM	KNM-27	EBD	ND	OTF	4	4,356
P01003632-1	8/17/2024	9:35:36 PM	COT-16	EBD	LI	OTF	8	10,315
P01004039-1	8/17/2024	9:36:03 PM	HYA-01	EBD	ND	FHV	1,272	4,343,442
P01003634-1	8/17/2024	9:36:13 PM	POU-16	ECE	TV	OTR	3	686
P01003655-1	8/17/2024	9:39:43 PM	HAZ-12	EBE	TV	OCO	3,359	539,177
P01003638-1	8/17/2024	9:40:31 PM	LYO-15	EBI	TV	OFC	2	2,092
P01003656-1	8/17/2024	9:41:54 PM	KNM-27	EBD	ND	OFU	7	6,556

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST OUT	CUST MIN
P01003661-1	8/17/2024	9:43:58 PM	MCW-17	ECE	TV	OCO	1,051	152,745
P01003665-1	8/17/2024	9:47:56 PM	LLT-16	EBD	LI	OTF	1	1,226
P01003666-1	8/17/2024	9:49:19 PM	RIT-18	EAC	TV	OFU	39	5,740
P01003675-1	8/17/2024	9:56:32 PM	NUG-26	EAA	TV	OPO	49	24,659
P01003676-1	8/17/2024	9:57:22 PM	LYO-15	EBI	TV	OFU	3	1,875
P01003680-1	8/17/2024	9:59:04 PM	NUG-26	EAA	TV	OFU	65	9,037
P01003683-1	8/17/2024	10:00:46 PM	MVW-17	EBJ	TV	OTF	20	5,705
P01003685-1	8/17/2024	10:01:57 PM	BTN-36	EAC	UN	OFU	98	42,343
P01003687-1	8/17/2024	10:02:37 PM	WOB-23	EAA	TV	OHR	112	80,649
P01003700-1	8/17/2024	10:03:30 PM	KLA-15	EBD	TV	OHR	275	224,790
P01003689-1	8/17/2024	10:03:31 PM	HOB-15	EBI	ND	OTF	5	567
P01003690-1	8/17/2024	10:03:46 PM	GAR-13	ECA	UN	OFC	5	450
P01003702-1	8/17/2024	10:05:40 PM	POU-16	ECE	TV	OCO	6	1,022
P01003707-1	8/17/2024	10:07:36 PM	UHL-23	EBD	TV	OFC	44	38,987
P01003671-1	8/17/2024	10:11:10 PM	CHR-22	ECE	TV	OCO	2,076	80,082
P01003710-1	8/17/2024	10:11:42 PM	ORT-26	ECA	UN	OCO	58	24,065
P01003715-1	8/17/2024	10:12:16 PM	PGA-13	ECE	TV	OCO	2,171	32,046
P01003713-1	8/17/2024	10:12:53 PM	HAM-15	EAC	TV	OFU	90	27,456
P01003738-1	8/17/2024	10:17:50 PM	BRS-13	EAC	TV	OCO	7	6,221
P01003341-1	8/17/2024	10:19:45 PM	EDG-13	ECA	EF	OPO	2	1,449
P01003740-1	8/17/2024	10:20:00 PM	BRI-14	EAA	TV	OFU	12	6,402
P01003755-1	8/17/2024	10:23:50 PM	BIG-12	EAC	TV	OCO	62	29,587
P01003774-1	8/17/2024	10:25:00 PM	SWE-23	EBJ	TV	OSV	571	94,196
P01003766-1	8/17/2024	10:26:41 PM	ALG-15	EAA	TV	OCN	1	699
P01003769-1	8/17/2024	10:26:49 PM	NUG-26	EAA	TV	OCO	34	23,402
P01003876-1	8/17/2024	10:28:00 PM	LLS-13	EAA	TV	OCO	24	8,556
P01003784-1	8/17/2024	10:29:58 PM	PAN-14	EBJ	TV	OHR	2,060	253,676
P01003787-1	8/17/2024	10:32:38 PM	HAM-13	EAC	TV	OCO	6	5,191
P01003790-1	8/17/2024	10:33:48 PM	NUG-26	EAA	TV	OFU	21	10,317
P01003792-1	8/17/2024	10:35:21 PM	HAP-13	EAA	TV	OCO	2,544	619,294
P01004041-1	8/17/2024	10:39:53 PM	TLN-0301	EAC	LI	OJU	2,334	(1)
P01003853-1	8/17/2024	10:40:14 PM	ING-13	EBD	EF	OFU	1,922	1,169,570
P01003857-1	8/17/2024	10:42:48 PM	PAN-13	EBJ	EF	USC	1	875
P01003860-1	8/17/2024	10:43:06 PM	PGA-13	ECE	TV	OCO	19	5,395
P01003881-1	8/17/2024	10:50:22 PM	HLC-23	EAD	LI	OTF	2	206
P01003882-1	8/17/2024	10:50:55 PM	HAZ-16	EBE	TV	OFU	75	71,059
P01003887-1	8/17/2024	10:55:54 PM	BLA-13	EAA	UN	OTF	2	1,009
P01003295-1	8/17/2024	10:57:24 PM	SPA-16	ECA	TV	OCO	489	65,709
P01003897-1	8/17/2024	10:57:26 PM	VIK-25	EAA	TV	SCB	2,466	700,633
P01003892-1	8/17/2024	10:58:17 PM	HLC-23	EAD	ND	OTR	4	1,528
P01003909-1	8/17/2024	11:02:41 PM	BCH-16	EAA	TV	OHR	524	219,067
P01003915-1	8/17/2024	11:11:04 PM	LAB-26	EAA	TV	OHR	606	222,210
P01003927-1	8/17/2024	11:13:02 PM	GLC-15	EBJ	TV	OFU	210	18,349
P01003950-1	8/17/2024	11:26:10 PM	KEN-12	EAA	TV	OCO	8	2,956
P01003951-1	8/17/2024	11:28:38 PM	KEN-12	EAA	TV	OFU	25	4,005
P01003985-1	8/17/2024	11:31:18 PM	LMC-23	EBD	TV	OFU	136	117,049
P01003964-1	8/17/2024	11:31:24 PM	FCR-14	EBI	TV	OHR	765	11,859
P01003954-1	8/17/2024	11:31:26 PM	LMD-16	EBI	TV	OFU	77	8,964
P01003956-1	8/17/2024	11:32:02 PM	ING-15	EBD	TV	OSV	6	1,493

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST OUT	CUST MIN
P01003995-1	8/17/2024	11:35:11 PM	MAP-15	EBE	TV	OFU	13	12,164
P01003980-1	8/17/2024	11:36:55 PM	MER-13	EBE	TV	OCO	2,684	1,680,772
P01003971-1	8/17/2024	11:37:16 PM	HOL-12	ECA	EF	OFC	4	1,641
P01003972-1	8/17/2024	11:37:21 PM	MAP-15	EBE	TV	OCO	182	67,994
P01003981-1	8/17/2024	11:38:49 PM	PIN-26	EBD	TV	OFU	22	18,112
P01003986-1	8/17/2024	11:40:50 PM	MIL-23	ECE	TV	OCO	37	7,206
P01003993-1	8/17/2024	11:46:10 PM	KIN-25	ECE	TV	OCO	93	49,701

Terms, Codes and Definitions Used on Detail Reports

Notification (NUMBER)	A number assigned by SAP, identifying the outage record	
Date (DATE)	The date of the outage	
Time (TIME)	The time of the outage	
Circuit (CKT)	The circuit identifier for the affected circuit	
Area (MPG)	Maintenance Planner Group A code representing the energy, region and service center	
	EAA – Bellingham	EBJ – South King
	EAC – Skagit	EBL – Vashon
	EAD – Whidbey	ECA – Puyallup
	EBD – Redmond	ECC – Olympia
	EBE – Factoria	ECD – Port Orchard
	EBF – Snoqualmie	ECE – Poulsbo
	EBI – Enumclaw	
Cause (CAZ)	Cause of Outage	
	AO – Accident Other	EF – Equipment Failure
	BA – Bird or Animal	EO – Electrical Overload
	CP – Car Pole	FI – Faulty Installation
	CR – Customer Request	TF – Tree Off Right-of-Way
	DU – Dig-up Underground	TO – Tree On Right-of-Way
	TV – Trees/Vegetation	SO – Scheduled Outage
	UN – Unknown	
Equipment (EQT)	Affected by, or involved in the outage	
	OCN – Connector	OSW – Overhead Switch
	OCO – Overhead Conductor	OTF – Overhead Transformer Fuse
	OCR – Crossarm	OTR – Overhead Transformer
	OFC – Overhead Cut-out	OUP – OH to UG Primary
	OFS – Overhead Fire Signal	OUS – OH to UG Secondary Service
	OFU – Fuse Link/OH Line Fuse	SBF – High-side Bank Fuse
	OGS – Span Guy	SCB – Power Circuit Breaker
	OHR – Overhead Recloser	UOT – Underground Outdoor Term
	OIN – Insulator	UPC – Underground Primary Cable
	OJU- Jump Wire	UPT – Padmount Transformer

	OPI – Overhead Pin Insulator	USV – Underground Service
	OPO – Pole	UTC – Underground Terminal Fuse
	OSV – Overhead Service	UTR – Submersible Transformer
	ORE – Regulator	
CUST OUT (CUST.OUT)	Customer Out , The number of customers without power for any given outage record	
CUST MIN (CUST. MIN)	Customer Minutes , The total number of minutes customers were without power for any given record	

Media & Communication Coverage**MYNORTHWEST WEATHER****More than 3,300 lightning strikes across Puget Sound during summer storm**

Aug 18, 2024, 5:22 PM | Updated: Aug 19, 2024, 6:43 am

**BY CHIEF METEOROLOGIST MORGAN PALMER AND FRANKIE KATAFIAS, KIRO 7 NEWS; KIRO 7 NEWS STAFF**

MyNorthwest.com

The thunderstorms that moved through Western Washington on Saturday night produced thousands of lightning strikes.

Between 8 a.m. Saturday and 8 a.m. Sunday, there were 3,302 lightning strikes across the region. This was the most prolific lightning storm for our region since September 7, 2019.

Thousands remained without power Sunday morning as crews worked to assess the damage. At about 7 a.m. Sunday, more than 9,000 Puget Sound Energy customers were without power across Puget Sound, with the largest batches around Port Gamble, Skykomish and Snoqualmie Pass.

Grays Harbor PUD said it repaired power to Cedarville and Elma before midnight, with repairs to Satsop and Montesano done early Sunday. By 10 a.m., the total number of outages in Washington dropped to just more than 6,000 customers.

PINPOINT WEATHER
Over 3,300 lightning strikes across Puget Sound during Summer storm

By Chief Meteorologist Morgan Palmer, KIRO 7 News, Frankie Katafias, KIRO 7 News and KIRO 7 News Staff August 18, 2024 at 2:22 pm PDT

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